Message

From: Keenan, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=569FAC06A54A4CA7BF99736ECAE8936E-KEENAN, JOHN]

Sent: 11/22/2016 7:39:11 PM

To: McAlpine, Jay [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=e32164d5b4f448af91aea4a9e872ef54-McAlpine, J]

CC: McClintock, Katie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2d5346d5556d4911a85e6ac0501c65db-McClintock, Katie]

Subject: RE: followup on Ardagh

Attachments: #5 inlet - Chromium CCSS Inlet March 11 - Optimized (1).pdf; #3 outlet - 11656-640-3-St Gobain 4212 F3 Chrome F4

NOx SO2 Feb 2011_REV Op (2).pdf; #4 outlet - 09, Air, August 4 Total Chrome - Furnace 4 - OPTIMIZED (2).pdf

Thanks! I'm attaching the test reports that we have right now. I should get one more test report for Furnace #2 some time next week. I haven't looked into the details in these reports, but I'm hoping that they include the information you note. If there's info that is not included (I'm thinking stack height might not be included by the tester), we may be able to get that info from PSCAA — They would have needed that info for the 1990s-era modelling too, right?

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206-553-1817 206-553-1762 (fax)

From: McAlpine, Jay

Sent: Tuesday, November 22, 2016 11:34 AM **To:** Keenan, John <keenan.john@epa.gov>

Cc: McClintock, Katie < McClintock. Katie@epa.gov>

Subject: followup on Ardagh

John and Katie,

Just to follow up on our meeting today ... I can begin putting together the meteorology for the modeling using public databases. Could you please send me your information on the stack, exhaust, and facility details. Modeling will require these details: stack height, stack inside diameter, stack velocity or flow rate, exhaust temperature. Also, if there is any information concerning the plant layout and building dimensions, such as CAD drawings or files, these would be useful to grab also. If these are unavailable, I can estimate building dimensions from google earth and Seattle city CAD files. Emission details can be sorted out later, but please feel free to send me any information you feel is relevant.

Thank you,

Jay McAlpine, PhD
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